

# EAST Search History - *DAO - 1/23/2007*

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	(retention or drainage) and (white adj pitch) and latex and ((recycled or waste) near3 (paper or broke)) and (cationic near2 polymer)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/23 07:35
L2	7	(retention or drainage) and (white adj pitch) and latex and ((recycled or waste) near3 (paper or broke)) and (cationic near2 polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/23 07:35
L3	207	((recycled or waste) near3 (paper or broke)) and (cationic near2 polymer) and (bentonite or microparticle or microparticulate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/23 07:35
L4	55	I3 and latex	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/23 07:36
L5	39	I4 and retention	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/23 07:36
L6	3	((("5466338") or ("5131982") or ("5891304")).PN.	USPAT; USOCR	OR	OFF	2007/01/23 07:36
L7	284	((((recycled or waste) near3 (paper or broke)) same latex)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/23 07:36
L8	55	I7 and cationic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/23 07:37
L9	27	I8 and papermaking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/23 07:37
S1	11	("20010023751" "4385961" "4388150" "4643800" "4643801" "4753710" "4913775" "4997523" "5098520" "5131982" "5185062").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/02 14:19

## EAST Search History

S2	7	((("4643801") or ("4927498") or ("4954220") or ("5176891") or ("5279807") or ("5167766") or ("5274055")).PN.	USPAT; USOCR	OR	OFF	2006/02/02 08:20
S3	2	EP-359552-\$.did.	EPO; DERWENT	OR	ON	2006/02/02 09:11
S4	162	(162/DIG.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/02 09:28
S5	8049	(162/4,5,10,158,164.1,164.3,164.6,166,147,168.1-168.3,181.1,181.3,181.8,183,189-191).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/02 09:12
S6	364	(162/8).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/02 09:17
S7	8290	S4 or S5 or S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 09:17
S8	31	(cationic adj polymer) and (anionic with (clay or bentonite or smectite or silica or polysilicate or polysilicic or particle or microparticle)) and (paper or papermaking) and pitch and ((repulped or broke or waste or recycle\$1) near2 paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 09:57
S9	31	S8 and (particle or microparticle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 09:41
S10	9	(cationic adj polymer) and (anionic with microparticle) and (paper or papermaking) and pitch and ((repulped or broke or waste or recycle\$1) near2 paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 10:02
S11	10	(cationic adj polymer) and (anionic with microparticle) and (paper or papermaking) and stickies and ((repulped or broke or waste or recycle\$1) near2 paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 10:09

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S12	144	(cationic adj polymer) and (microgel or colloidal adj silica) and (paper or papermaking) and ((repulped or broke or waste or recycle\$1) near2 paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 10:10
S13	169	(cationic adj polymer) and (microparticle or microgel or colloidal adj silica) and (paper or papermaking) and ((repulped or broke or waste or recycle\$1) near2 paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 10:10
S14	0	polyethylene\$1polyamine and (react\$3 with (alkylene\$1polyamine and alkyl\$1halide))	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 13:00
S15	0	polyethylene\$1polyamine and (react\$3 with (ethylene\$1polyamine and ethyl\$1halide))	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 13:00
S16	0	polyethylene\$1polyamine and (react\$3 with (ethylene\$1polyamine and ethyl\$1chloride))	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 13:01
S17	2793	(polyethylene adj polyamine)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 13:02
S18	391	(ethylene adj diamine) and (ethyl adj chloride)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 13:07
S19	17	S17 and S18	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 13:03
S20	1108	(ethylene adj diamine) and ((ethyl or ethylene) adj dichloride)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 13:15
S21	80	S18 and S20	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 13:07
S22	295	(ethylene\$5amine) with (dichloride)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 13:16

## EAST Search History

S23	148	(ethylene\$amine) with (dichloride) with react\$3	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 13:16
S24	1	("4305781").PN.	USPAT; USOCR	OR	OFF	2006/02/02 14:19
S25	0	("(polyethylene\$amineorpolyalkylene\$amine)and(s9ors10ors11ors12)").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/02 15:06
S26	31	(cationic adj polymer) and (anionic with (clay or bentonite or smectite or silica or polysilicate or polysilicic or particle or microparticle)) and (paper or papermaking) and pitch and ((repulped or broke or waste or recycle\$1) near2 paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 15:07
S27	31	S26 and (particle or microparticle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 15:07
S28	9	(cationic adj polymer) and (anionic with microparticle) and (paper or papermaking) and pitch and ((repulped or broke or waste or recycle\$1) near2 paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 15:07
S29	10	(cationic adj polymer) and (anionic with microparticle) and (paper or papermaking) and stickies and ((repulped or broke or waste or recycle\$1) near2 paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 15:07
S30	144	(cationic adj polymer) and (microgel or colloidal adj silica) and (paper or papermaking) and ((repulped or broke or waste or recycle\$1) near2 paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 08:28
S31	2	(polyethylene\$amine or polyalkylene\$amine) and (S27 or S28 or S29 or S30)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 15:08
S32	160	(S27 or S28 or S29 or S30)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 15:08

## EAST Search History

S33	30	S32 and (polyalkyleneamine or polyethyleneamine or (polyalkylene adj polyamine) or (polyethylene adj polyamine) or (polyethylene adj amine) or (polyalkylene adj amine))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/02 15:10
S34	1	("20050173088").PN.	US-PGPUB	OR	OFF	2006/06/20 07:44
S35	11	(cationic adj polymer) and (anionic with microparticle) and (paper or papermaking) and stickies and ((repulped or broke or waste or recycle\$1) near2 paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/20 08:28
S36	3	((("6303002") or ("5786894") or ("5755926")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 08:51